

Title (en)
PROCESS FOR THE PREPARATION OF ANTHRAQUINONE DISPERSE DYES

Publication
EP 0061039 B1 19841010 (DE)

Application
EP 82101716 A 19820305

Priority
DE 3109951 A 19810314

Abstract (en)
[origin: US4491666A] An improvement in the process for the preparation of dispersed dyes of compounds of the formula <IMAGE> (I) where X is >O or >NH and R is C1-C12-alkyl, C2-C6-hydroxyalkyl, alkoxyalkyl of 3 to 12 carbon atoms in total, C5-C8-cycloalkyl, phenoxy-C2- or-C3-alkyl, phenyl-C1-C4-alkyl or phenyl-C1-C4-alkoxy-C2- or -C3-alkyl, by reacting a compound I where R is H with an amine of the formula R-NH2 in a liquid under the influence of heat, wherein the reaction is carried out in water, in the presence or absence of a cationic or non-ionic surfactant. Very pure dyes are obtained with a high space/time yield.

IPC 1-7
C09B 5/24; C07D 209/58

IPC 8 full level
C07D 209/58 (2006.01); **C09B 5/24** (2006.01); **C09B 5/62** (2006.01)

CPC (source: EP US)
C09B 5/2463 (2013.01 - EP US)

Cited by
US4777266A

Designated contracting state (EPC)
CH DE GB LI

DOCDB simple family (publication)
EP 0061039 A1 19820929; EP 0061039 B1 19841010; DE 3109951 A1 19820923; DE 3260927 D1 19841115; JP S57162757 A 19821006; US 4491666 A 19850101

DOCDB simple family (application)
EP 82101716 A 19820305; DE 3109951 A 19810314; DE 3260927 T 19820305; JP 3528382 A 19820308; US 35530882 A 19820305